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**HEREFORDSHIRE COUNTY COUNCIL**

# **ANNUAL REPORT**

OF THE

**COUNTY MEDICAL OFFICER  
OF HEALTH**

**FOR THE YEAR 1942.**

HEREFORD :  
JAKEMANS LIMITED, PRINTERS.  
1943.

TO THE CHAIRMAN AND MEMBERS OF THE PUBLIC HEALTH AND  
SOCIAL WELFARE COMMITTEE OF THE HEREFORDSHIRE COUNTY  
COUNCIL.

*Mr. Chairman, Ladies and Gentlemen,*

I have pleasure in submitting to you my Annual Report for 1942 on the County Health Administration in Herefordshire.

Considerable changes have been introduced in the arrangement of this report and many new statistical tables have been added.

In some of the tables statistics for past years have been shewn for purposes of comparison.

The County Council Hospital is now an established part of the County's Health services. Figures of cases admitted will be found in the report.

The Maternity Unit of 24 beds at the County Council Hospital has been fully used, 319 births have taken place therein during 1942, of these 179 have come from the County M.C.W. area. This is the largest Maternity Unit in the County. It is interesting to compare these figures with the table of notifications of births in the M.C.W. area.

The Infantile Mortality rate which has risen during the last few years to a peak in 1941 has receded and is now at approximately the pre-war level.

Full figures are given for Infant Life Protection work. These duties involve many supervisory and instructional visits if standards are to be maintained. The Health Visitors must have a sound knowledge of the physical conditions necessary to the child's health and security, and in addition must be good judges of the character of the foster mother.

The notification figure for Pulmonary Tuberculosis (94) is the same as in 1941. The number of cases on the register (247) is 27 more than last year. There has been a sharp decline in the number of deaths from Pulmonary Tuberculosis. Many deductions can be made from this figure but we cannot feel complacent about it as the cases which have developed during the war years would not be shewn in the deaths for 1942.

The surgical treatment of cases of Pulmonary Tuberculosis is now being undertaken at the County Council Hospital. The patients selected have accepted these operations with alacrity. Although active treatment combined with general hygienic measures is of very considerable value in a certain proportion of

cases, our real and ultimate aim still remains to eradicate the disease at its source by an improvement in social conditions.

A table has been included shewing the condition of patients 5 years after discharge from the Sanatorium. Although at first sight the results appear gloomy, I would point out that for the T.B. minus group and the T.B. +1 group the results are reasonable. The moral to be drawn from these figures is once again that cases should submit themselves for early diagnosis and treatment.

Very full statistics of Venereal Diseases have been published, but these figures must be interpreted with caution. There have been great changes in the number and type of the population during the war years ; young men have joined the fighting services, the population has increased due to evacuation and related conditions, and there have been movements of service men in this County as in every other part of the Country. In these V.D. statistics I think one of the most important columns to examine is column 3. Fortunately the number of new Civilian cases has not greatly increased, nevertheless considerable effort is being made to prevent the spread of these diseases.

Statistics on the causes of deaths have been included and a special table shewing the types and distribution of deaths from cancer. We are nearing the time when the Cancer Act will be in force and these figures will form the basis of further statistics of cases under treatment.

I am grateful to the Chairman and Members of the various Committees which are responsible for the County Health Services for their encouraging interest and support.

The professional, technical and clerical staff have as usual given excellent service. The rapid changing of the junior clerical staff owing to the demands of the fighting services has placed a heavy burden on the senior staff, who have constantly to instruct the newcomers to the County Health Service.

S. W. SAVAGE, M.D., D.P.H.

*December, 1943.*

# COUNTY STAFF.

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## COUNTY MEDICAL OFFICER OF HEALTH.

SIDNEY W. SAVAGE, M.A., M.D., D.P.H.

## DEPUTY COUNTY MEDICAL OFFICER.

I. F. MACKENZIE, M.B., Ch.B., D.P.H., D.T. M. & H.

## CLINICAL TUBERCULOSIS OFFICER AND MEDICAL SUPERINTENDENT, NIEUPORT SANATORIUM.

BASIL ADAMS, M.D., D.P.H. (*resigned 20/9/42*).

T. V. R. PHILIP, M.B., D.P.H. (*appointed 15/6/42*).

## MEDICAL SUPERINTENDENT, COUNTY COUNCIL HOSPITAL, HEREFORD.

W. OGILVIE REID, M.A., B.Sc., M.B., F.R.C.S.

## ASSISTANT COUNTY MEDICAL OFFICERS OF HEALTH and ASSISTANT SCHOOL MEDICAL OFFICERS.

HUGH F. GREEN, M.B., B.Ch., M.R.C.S., L.R.C.P., D.P.H. (*serving with Forces*).

WILLIAM HOGG, M.R.C.S., L.R.C.P., B.S., D.P.H.

VIOLET L. HICKSON, M.R.C.S., L.R.C.P., D.P.H.

MARIE E. POTTER, M.B., Ch.B. (*appointed 17/7/42—temporary appointment*)

## SUPERVISOR OF MIDWIVES and SUPERINTENDENT OF NURSES.

MISS B. SHENTON, S.R.N., S.C.M.

## DEPUTY SUPERVISOR OF MIDWIVES and SUPERINTENDENT OF NURSES.

MISS M. W. CROFTON, S.R.N., S.C.M.

## HEALTH VISITORS.

MISS J. ANDREWS, S.R.N., S.C.M.

MISS E. HURDLEY, S.C.M.

MRS. C. E. TURNER, S.R.N., S.C.M.

## TEACHERS OF THE BLIND.

MRS. E. M. ANGIER.

MRS. PRITCHARD.

## LABORATORY TECHNICIANS.+

S. W. HICKS.

MISS S. J. RANGLES.

(\*See Note on Laboratory in Report.)

## CLERICAL STAFF.

Clerical Staff normally consists of one Chief Clerk, one Senior Clerk and eight others, together with two clerks in the Area Medical Offices at Ross-on-Wye and Leominster. Of these, ten have joined H.M. Forces and temporary appointments have been made for the duration of the war.

## DISTRICT MEDICAL OFFICERS OF HEALTH.

Bromyard U.D.C.			
„ R.D.C.			
Kington U.D.C.			
„ R.D.C.			
Leominster Borough			
Leominster and Wigmore R.D.C.			
Weobley R.D.C.			
Dore & Bredwardine R.D.C.			
Ledbury U.D.C.			
Ledbury R.D.C.			
Ross-on-Wye U.D.C.			
Ross & Whitchurch R.D.C.			
Hereford City	...	...	DR. E. DUNBAR TOWNROE.
Hereford R.D.C.	...	{	DR. R. WOOD POWER ( <i>serving with H.M. Forces</i> ).
		}	DR. S. L. CORRY ( <i>temporary Part time</i> ).

# GENERAL STATISTICS.

Area 538,924 acres.

DISTRICT.	1939.				1940.				1941.				1942.			
	Live Births	Deaths	Pop.	Live Births	Deaths	Pop.	Live Births	Deaths	Pop.	Live Births	Deaths	Pop.	Live Births	Deaths	Pop.	Pop.
<b>URBAN.</b>																
Bromyard	17	24	1544	29	33	1287	28	29	1215	21	20	1792	21	20	1792	
Hereford City (M.B.)	385	328	27190	427	424	28570	526	428	31590	585	396	29980	585	396	29980	
Kington ...	34	44	1821	35	30	1969	34	26	2074	32	24	2053	32	24	2053	
Leadbury ...	38	52	3297	48	66	3011	47	55	2719	61	49	3790	61	49	3790	
Leominster (M.B.)	91	96	5624	94	93	5871	112	99	6488	109	87	6160	109	87	6160	
Ross ...	59	87	4874	83	92	5262	76	99	5494	85	74	5245	85	74	5245	
Total Urban Districts	624	631	44350	716	738	45970	823	736	49580	893	650	49020	893	650	49020	
<b>RURAL.</b>																
Bromyard	116	88	7746	107	98	9272	127	99	8747	133	105	7860	133	105	7860	
Dore & Bredwardine	97	99	7140	129	105	7172	124	110	7864	151	90	7851	151	90	7851	
Hereford	201	167	13940	230	207	16070	234	199	17760	252	213	16860	252	213	16860	
Kington	78	56	4628	84	77	4888	70	72	5199	76	51	5412	76	51	5412	
Leadbury	113	103	9751	118	132	12840	141	131	11570	171	99	9490	171	99	9490	
Leominster & Wigmore	145	137	9896	158	164	10610	156	158	11680	177	145	11130	177	145	11130	
Ross & Whitchurch	201	167	11100	182	192	12600	183	153	13520	193	148	12830	193	148	12830	
Weobley ...	101	84	5729	102	79	6288	95	75	6930	110	54	6747	110	54	6747	
Total Rural Districts	1052	901	69930	1110	1054	79740	1130	996	83270	1263	905	78180	1263	905	78180	
TOTAL	1676	1532	114280	1826	1792	125710	1953	1732	132850	2156	1555	127200	2156	1555	127200	

The above table is calculated on statistics from Registrar-General relating to "Birth Rates."

	England and Wales, 1942 :-			
	1939	1940	1941	1942
Herefordshire	14.7	14.5	14.7	16.9
Live Birth Rate	13.4	14.2	13.0	12.2
Death Rate...	...	...	...	...

654,039  
480,137  
15.8  
+ Deaths including non-civilian deaths registered in this Country and those due to enemy action.

## MATERNITY AND CHILD WELFARE.

The County Council is responsible for the administration of the Midwives Act, and the area administered includes the whole County.

The County Council is responsible for administering the Maternity and Child Welfare Sections of the Public Health Act and the administration covers the County with the exception of the City.

In the following pages the term "County" means the whole of the County, and the term "County M. & C.W. Area" means the County less the City.

The following is a summary of statistics relating to Maternity and Child Welfare Services in the County :—

1942.	County M. & C.W. Area.	County.
Population .....	97,220	127,200
LIVE BIRTHS : Legitimate (Male)	760	1,029
(Female)	677	938
(Total)	1,437	1,967
Illegitimate (Male)	63	85
(Female)	71	104
(Total)	134	189
Total Live Births .....	1571	2156
Still Births : Legitimate (Male)	24	34
(Female)	30	40
(Total)	54	74
Illegitimate (Male)	3	5
(Female)	3	7
(Total)	6	12
Total Still Births .....	60	86
Live Birth Rate.....	16.2	16.9
Still Birth Rate .....	36.8	38.4
Number of Infant deaths .....	68	95
Infantile Mortality Rate .....	43.3	44.1
Illegitimacy Rate .....	85.8	89.6
No. of Maternal Deaths .....	6	9
Due to Sepsis .....	0	2
Due to other causes .....	6	7
Maternal Mortality Rate .....	3.67	4.01

The above statistics are calculated on Registrar General returns.



The following statistics of England and Wales for the year 1942 are of interest :—

Live Birth Rate.....	.....	.....	15.8
Still Birth Rate .....	.....	.....	33
Infantile Mortality Rate .....	.....	.....	49.0
Maternal Mortality Rate .....	.....	.....	2.47

	1939		1940		1941		1942	
	County M&CW Area.	County	County M&CW Area.	County	County M&CW Area.	County	County M&CW Area.	County
Total Live Births	1291	1683	1399	1826	1427	1953	1571	2156
Total Still Births	35	59	48	65	63	88	60	86
Total Live & Still Births	1326	1742	1447	1891	1490	2041	1631	2242
Total Illegitimate Births	83	118	92	125	98	145	140	201
Number of Infant Deaths	54	71	77	107	94	133	68	95
Number of Maternal Deaths	3	5	4	4	2	4	6	9
Live Birth Rate	14.8	15.4	14.4	14.5	14.1	14.8	16.2	16.9
Still Birth Rate	26.4	35.0	33.2	35.6	42.3	43.2	36.8	38.4
Illegitimacy Birth Rate	62.6	68.0	63.6	66.1	65.8	71.0	85.8	89.6
Infantile Mortality Rate	41.8	42.2	55.0	58.5	65.9	68.1	43.3	44.1
Maternal Mortality Rate	2.26	2.87	2.76	2.11	1.34	1.96	3.67	4.01

The above table is calculated on Registrar General's returns.

### MIDWIVES.

At the end of 1942 the number of Midwives who had notified their intention to practice in the County was 121 and these were distributed as follows :—

1. Domiciliary :	(a) District Nurse Midwives	37
	(b) Village Nurse Midwives	32
	(c) Independent	16
	(d) Midwives living in adjacent Counties and taking occasional cases in Herefordshire	9
		—
		94



2. Institutions :	(e) Hospitals .....	13
	(f) P.A.I.'s .....	12
	(g) Nursing Homes .....	4
	(h) Ante-Natal Hostel .....	1

—

30

Grand Total ..... 124

The following tables are taken from Health Department Records and not Registrar General's figures unless otherwise stated.

### Notifications of Births in the County M.C.W. Area.

	LIVE BIRTHS			STILL BIRTHS			Confinements calculated from N.O.B.
	Single	Twin	Total	Single	Twin	Total	
AT HOME	1074	11	1096	24	1	26	1110
PUBLIC ASSISTANCE INSTITUTIONS							
Leominster	38	—	38	2	—	2	40
Ledbury	2	—	2	—	—	—	2
Ross	26	—	26	3	—	3	29
Bromyard	8	—	8	—	—	—	8
Kington	6	—	6	—	—	—	6
Total	80	—	80	5	—	5	85
MATERNITY NURSING HOMES	36	—	36	—	—	—	36
HOSPITAL*	2	—	2	1	—	1	3
GRAND TOTAL	1192	11	1214	30	1	32	1234

\*Details of Maternity cases from the M.C.W. Area hospitalised outside the area will be found in another table.

### MIDWIVES.

"Medical Aid" requests by Midwives .....	605
Routine Supervision of Midwives .....	135
Special Visits of Enquiry .....	25
Special Notifications of Midwives :	
Stillbirths .....	25
Last Offices .....	30
Suspected liability to be a source of infection .....	41
Artificial Feeding of Infants .....	47
Death of Infant .....	7
Temporary suspension of Midwives due to liability of being a source of infection	29

## HOME HELPS.

Under the scheme in operation in 1942, it was necessary for the income of the family to be such that after rent and rates were deducted the available income should be not more than 10s. per head. The Home Helps were paid £1 per week non-resident.

Under this Scheme only three whole-time Home Helps were employed. This was not due to the absence of need but because the Home Helps were usually unobtainable.

## GENERAL PRACTITIONERS ANTE-NATAL AND POST-NATAL SCHEME.

	<i>County M. &amp; C.W. Area.</i>	
	<i>Ante-natal.</i>	<i>Post-natal.</i>
Cases attended .....	470	56
Total Visits .....	560	56

## HOSPITALISATION OF MATERNITY CASES.

It is the policy of the County Council that Maternity cases for which they are responsible should as far as possible be attended by domiciliary midwives in their homes, but provision is made for the hospitalisation of cases considered to be complicated or cases whose homes are unsuitable for domiciliary midwifery. The number of cases admitted to the County Council Hospital and Herefordshire General Hospital are shown in the following tables. The number of cases admitted privately to the Herefordshire General Hospital are also shewn.

	<i>County Council Hospital</i>				<i>Herefordshire General Hospital</i>			
	<i>Normal</i>		<i>Complicated</i>	<i>Total</i>	<i>Complicated</i>		<i>Normal or Complicated</i>	<i>Total</i>
	<i>County</i>	<i>City</i>	<i>County</i>		<i>County</i>	<i>City</i>	<i>Private</i>	
Cases + where child was born in hospital	112	138	66	316	43	‡ 23	130	196
Cases † where child was not born in hospital	9	19	13	41	—	1	—	1

+ : Multiple births only counted as one in this table ; there were 3 pairs of twins, one from the County and two from the City.

† : Cases admitted in pregnancy and subsequently having their baby in hospital are only shewn in the top column of this table.

Neither columns include cases admitted to the Herefordshire General Hospital for puerperal sepsis.

‡ : This figure was included by arrangement of the City Medical Officer.

The term "normal" and "complicated" means the heading under which arrangements were made for admission. A certain number of cases booked as normal subsequently became complicated.

Ambulances when needed are arranged for the complicated cases.

### COUNTY OBSTETRIC CONSULTANT.

Dr. William Ainslie and Mr. Scholefield (who acts as Deputy) are the County Obstetric Consultants. They have performed the following consultations and operations during the last year.\*

Consultations under M.&C.W.	Hospital Consultations and Operations.			
	Hereford General		County Council Hospital	
	Caesarean Section	Operative Interference	Caesarean Section	Operative Interference
106	12	14	7	13

\*These figures are for the 12 months 1/4/42 to 1/4/43.

### STATISTICS ON PUERPERAL PYREXIA.

	County M. & C.W. Area	County.
Notifications .....	12	78
Removed to Isolation Block at H.G.H. ....	7	12

**PUBLIC ASSISTANCE INSTITUTION MATERNITY.**

	<i>Cases.</i>	<i>Beds.</i>
Leominster .....	42	2
Ledbury .....	1	1
		(emergency)
Ross .....	28	3
Bromyard.....	8	2
Kington .....	6	1

**MATERNITY NURSING HOMES.**

	<i>No. of Homes on Register</i>	<i>Maternity Beds.</i>	<i>Births.</i>
Hereford City .....	1	2	29
Ross .....	1	3	4 <sup>1</sup>
Leominster Rural .....	1	1	<i>Nil.</i>

**CHILD WELFARE.**

All babies are visited by the midwives for the first 14 days after birth. At the end of the 14th day until the end of the first year they are visited at least once a month by the Health Visitor who is usually the same Nurse as the Midwife.

If any abnormality is suspected by the midwife during the first 14 days a general medical practitioner may be called in to the baby under the Medical Aid Scheme.

**OPHTHALMIA NEONATORUM.**

	<i>County M. &amp; C. W. Area</i>	<i>County.</i>
Notifications .....	5	10
Cases admitted to Victoria Eye Hospital .....	5	8
No. of cases in which permanent damage to eyes occurred .....	0	0

The following table is of interest; it shows the infantile mortality rate in the County M. & C.W. Area, the whole County and England and Wales during the last 5 years. This table is calculated on Registrar General's figures.

### INFANTILE MORTALITY RATE.

Year.	Births.	COUNTY.		COUNTY M. & C.W.			England & Wales. Rate per 1000 Live Births.
		Deaths under 1	Rate per 1000 Live births	Births	Deaths under 1	Rate per 1000 Live births	
1938	1633	70	43	1221	52	43	53
1939	1676	70	42	1291	53	41	50
1940	1826	107	57	1399	77	55	55
1941	2041	133	65	1515	94	62	59
1942	2156	95	44	1571	68	43	49

### CHILD LIFE PROTECTION AND P.A. BOARDED OUT.

The County Health Department is responsible for carrying out certain duties under the Child Life Protection Section of the Public Health Act, 1936, in the County M. & C.W. Area. The Social Welfare Department board out children in the whole County and their homes are visited and supervised by the County Health Department.

The following table shows the number of foster mothers and children in the two schemes.

	No. of Foster Mothers approved during 1943	No. of Foster Mothers on register at end of 1942	No. of children placed on register in 1942	No. of children on register at end of 1942	Notifi-cations of deaths of children	First Visits	Subse-quent Visits
Child Life Protection	8	21+	30	45	Nil.	9	124
P. A. Boarded Out	1	15	1	17	Nil.	1	79

\* This includes the proprietress of one nursery school registered to receive 20 children.

### CHILD WELFARE CENTRES.

There are nine centres in the County M. & C.W. Area, the attendances are as follows :—

<i>Centre—</i>	<i>Under 1 year.</i>	<i>1—5 years.</i>
Ross .....	395	228
Pontrilas.....	28	23
Kington .....	198	107
Dilwyn .....	80	39
Ledbury .....	309	375
Bromyard .....	250	382
Weobley .....	38	56
Colwall .....	199	174
Leominster .....	1444	439
	<u>2941</u>	<u>1823</u>
<b>GRAND TOTAL</b> ...	<b>4,764.</b>	

### COUNTY COUNCIL HOSPITAL.

This hospital has a total of 476 beds and is available for general civilian and E.M.S. patients. There are special Departments for Tuberculosis, Maternity and V.D. about which further statistics are given in other parts of this report.

The Ear, Nose and Throat Department of the hospital is established as a special centre under the E.M.S. scheme.

During 1942 the hospital has continued to give good service to the public and the number of cases received is continually increasing.

Mr. W. Ogilvy Reid, F.R.C.S., is Medical Superintendent of the Hospital and he submits the following report :—

	<i>Total.</i>	<i>Ministry.</i>	<i>Non-Ministry.</i>	<i>Maternity</i>
Patients admitted .....	2889	1791	752	346 <sup>+</sup>
Patients discharged	2782	1790	647	345
Births .....	319	—	—	319
Deaths .....	137	2	134	1
Operations performed .....	610	443	167	—
Major 312				
Minor 298				
Total number of patient days .....	88694			

\*This figure differs from the 357 shewn under M. & C.W. returns because it is a record of "cases admitted" during 1942 and is not a record of maternity cases which went into labour or were present in the hospital during 1942.

Number of Patients in Hospital on December 31st, 1942 :—

E.M.S.				CIVILIAN.			
Military	.....	.....	92	City Maternity Cases	.....	3	
Other classes	.....	.....	28	County Maternity Cases	.....	8	
Vacant Beds	.....	.....	216	Public Assistance Cases	.....	15	
				Medical and Surgical			
				Public Health cases	...	78	
				Vacant Beds	.....	36	

The present MEDICAL STAFFING is as follows :

Medical Superintendent.

One Senior Assistant Medical Officer.

One Assistant Medical Officer.

One Junior House Officer.

Visting Medical and Surgical personnel are available on a sessional basis.

The County Obstetric Consultant, the Clinical Tuberculosis Medical Officer, the Consulting Radiologist and the V.D. Medical Officer also visit the hospital.

### TRAINING SCHOOL FOR NURSES.

The Hospital is a preliminary and a full general training school for Nurses.

### TUBERCULOSIS.

The following Tables show the incidence of the Disease in the County over the last Five Years.

	1938				1939				1940				1941				1942			
	PRIMARY NOTIFICATIONS.																			
	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.
Pulmonary ...	35	26	2	63	40	38	2	80	43	39	8	90	53	38	3	94	47	39	8	94
Non-Pulmonary	4	11	24	39	10	11	14	35	9	5	32	46	14	15	26	55	5	20	17	42
Totals	102				115				136				149				136			

### NO. OF DEFINITE CASES ON CLINIC REGISTER.

	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.
Pulmonary ...	108	71	7	186	103	82	5	190	109	95	8	212	110	105	5	220	122	118	7	247
Non-Pulmonary	24	47	54	125	24	53	50	127	25	52	61	138	36	52	61	149	35	64	62	161
Totals ...	311				317				350				369				408			



## DEATHS.

	1938				1939				1940				1941				1942			
	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.	M.	F.	C.	T.
Pulmonary ...	17	18	8	43	33	19	—	52	29	24	4	57	29	19	3	51	17	21	2	40
Non-Pulmonary	2	2	3	7	2	1	1	4	5	3	6	14	4	3	7	14	4	1	6	11
Totals ...	50				56				71				65				51			

The Registrar General's estimated population of the County is 127,200. The deaths from pulmonary tuberculosis were 40 (death rate per thousand of population = 0.31), and the deaths from non-pulmonary tuberculosis were 11 (death rate per thousand of population = 0.08). Total Tuberculosis death rate, 0.4.

## TUBERCULOSIS CLINICS.

Clinic.	Days and Hours when open.	New Cases.	Total Attendances.
*Hereford County Council Hospital	Twice a week— Wed. & Sat. 10–12.30 p.m.	277	824
Leominster (Cottage Hospital)	First Friday in the month 2 p.m.	41	168
Ross (2, Church Street)	Fourth Thursday in the month 11 a.m.	57	169
Ledbury (Homend Lodge Cottage)	Second Tuesday in the month 2 p.m.	26	103
Total ...		401	1264

\*Early in 1943 an additional session on Mondays at 2-30 p.m., was held at Hereford.

TUBERCULOSIS BEDS AT NIEUPOORT SANATORIUM  
AND COUNTY COUNCIL HOSPITAL.

The number of beds is as follows :—

Nieuport Sanatorium	Adults 34	Children 28
County Council Hospital	„ 12	—

The 28 children's beds should not be counted as beds for definite tuberculosis cases, as almost all these children are un-notified cases.

The 12 beds at the County Council Hospital require further comment. Only six were available during the year, and these were sometimes used for cases other than pulmonary tuberculosis.

The following tables shew the admissions and discharges of cases into Nieuport Sanatorium and the Tuberculosis beds at the County Council Hospital. A full classification of types is given :

	Non-Pul. Tuber- cle.	Adults Obser- vation	T.B.—.	T.B.1.	T.B.2.	T.B.3.	Total.		
ADMITTED TO— Nieuport ...	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	T.	
		2 1	3 8	2 2	11 14	7 5	25 30	55	
T.B. Beds at County Council Hospital	2 1	5 2	3 3	2 2	1 3	5 2	18 13	31	
DISCHARGED HOME FROM— Nieuport ...									
	2 —	1 1	3 5	4 3	5 9	6 3	21 21	42	
County Council Hospital	2 1	2 —	2 3	2 —	1 3	4 3	13 10	23	

During the year 4 patients were re-admitted to Nieuport (one in each pulmonary group) and two re-admitted cases were discharged (1 Group 2, 1 Group 3). One case (Group 2) was re-admitted to the County Council Hospital.

Ten cases died in Nieuport (3 Males and 7 Females) and 5 males died at the County Council Hospital.

During the year 4 patients discharged themselves from Nieuport Sanatorium against medical advice.

### Ages of Patients Admitted.

	NIEUPORT SANATORIUM.		COUNTY COUNCIL HOSPITAL.	
Ages.	Males	Females	Males	Females
Under 16	—	1	—	—
16—20	5	4	—	2
20—30	6	10	2	4
30—40	7	8	3	1
40—50	3	6	8	3
50—60	4	1	4	2
Over 60	—	—	1	1
	—	—	—	—
	25	30	18	13
	—	—	—	—

Average length of stay of adult patients in Nieuport Sanatorium :

Male 201 days.

Female 137 days.

The number of patients in the Sanatorium on December 31st, 1942, was 59, compared with 49, December 31st, 1941.

### General Treatment.

This continues on orthodox lines. A certain amount of light work is done in the gardens and in the house by patients who are fit.

Recreational facilities, including the cinema, have been much appreciated; a Sanatorium Magazine has been started, and our thanks are due to all who have given time and substance to these activities. Religious Services have been held as usual.

### **Surgical Treatment of Pulmonary Tuberculosis.**

Pneumothoraces were induced at the Sanatorium.

Operations were performed at the County Council Hospital for the first time in December, 1942, by the visiting Thoracic Surgeon. Before this scheme was in force, one case of phrenic paralysis was operated on at Talgarth at our instigation. It is not included in the following table.

### **Special Treatment.**

	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Pneumothorax successfully induced .....	1	16	17
Pneumothorax induction failed .....	2	5	7
Thoracoscopy with division of adhesions .....	1	4	5
Thoracoscopy with adhesions found indivisible .....	0	0	0
Phrenic Paralysis .....	0	1	1

While the early results of special treatment have been on the whole good, the ultimate results cannot yet be assessed as far as the above cases are concerned.

Statistical Table of Adult patients discharged from Nieuport Sanatorium in 1936, showing their condition in 1942 as far as it can be ascertained :—

No.	Condition on Discharge.	Dead.		Alive.		Cannot trace.	
		No.	%	No.	%	No.	%
4	T.B. Minus <sup>+</sup>	0	0	3	75	1	25
12	T.B. +1	3	25	3	25	6	50
16	T.B. +2	12	75	3	19	1	6
14	T.B. +3	13	93	0	0	1	7
46	TOTAL	28	61	9	18½	9	18½
3	Obs. Not definite T.B.	0	0	0	0	3	100
7	T.B. but not Pul.	2	28½	3	43	2	28½

<sup>+</sup>The term "T.B. minus" in this table and in the table on page 17 means a case of pulmonary tuberculosis in whose sputum Tubercle bacilli have not been detected.

## Children at Nieuport Sanatorium.

Number of Beds—28.

		Obs.	Early Pul. Tub.	Non-Pulmonary Tub.	Total.
Admitted	Boys	28	3	3	34
	Girls	23	2	1	26
	Total	51	5	4	60
Discharged	Boys	31	1	2	34
	Girls	21	2	1	24
	Total	52	3	3	58

Two were removed prematurely by their parents.

The majority of the children discharged shewed no evidence of active tuberculosis and nearly all benefited from their stay.

No pulmonary case considered to be infectious is admitted to the children's wing where isolation is impossible.

44 children were tuberculin-tested. (Patch Test.)

11, *i.e.*, 25 per cent., gave a positive reaction indicating an infection at some time or other by the Tubercle Bacillus.

The visiting Dentist has attended periodically, and children requiring removal of tonsils and adenoids have had this done in adjacent hospitals.

The school has continued to be of great value.

Dr. T. V. R. Philip wishes to record his satisfaction with the willing co-operation of the patients and the loyalty and devotion to duty of the Sanatorium Staff.

### Shelters.

At the end of 1942, 28 Shelters were in use.

### Extra Nourishment.

During 1942, grants for Extra Nourishment were made to 21 patients.

### Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry.

Tuberculosis cases treated :	Males	12
	Females	8
	Total	20

### **Dudley Road Hospital, Birmingham.**

These Lupus cases are treated as Out-patients at Birmingham.

A certain amount of intermediate treatment is given at the County Council Hospital and the Herefordshire General Hospital. There are only 3 cases and they are all females.

### **LABORATORY.**

In March, 1942, the direction of the County Laboratory was transferred until further notice to the Medical Research Council. The laboratory thus became a constituent unit of the Emergency Public Health Laboratory Service which is directed by the Medical Research Council on behalf of the Ministry of Health. As was anticipated, this arrangement has been amply justified by results.

The amount of work passing through the laboratory had very considerably increased during the past few years, but the additional staff and equipment made available under the new scheme has enabled all demands to be promptly and efficiently met. Moreover, it is now possible to carry out "field" investigations in any outbreak of infectious disease where this may be necessary, while the fullest preparations have been made to deal with any sudden load such as would occur in the event of an outbreak on a large scale.

Over 13,600 specimens were examined during 1942.

Dr. R. E. Jones, the Director of the laboratory, has worked in the closest collaboration with my Department and with the various Authorities and hospitals who submit specimens for examination.

### **THE ISOLATION HOSPITAL ACCOMMODATION.**

The District Councils are the authorities for provision of this accommodation which is as follows :—

<i>City Council.</i>	<i>Beds.</i>
Tupsley Fever Hospital .....	32
Tupsley Small Pox Hospital .....	4
Folly House Isolation Hospital (temporary) .....	30
<i>Hereford Rural District Council (taking cases from the whole County with the exception of the City).</i>	
Stretton Sugwas Fever Hospital .....	43
Bromyard Small Pox Hospital .....	6
The County Council also administer Camp Meadow Hospital .....	12

	Enteric	Scarlet Fever	Whooping Cough	Diph- theria	Erysipelas	Measles	Pneumonia (Acute Primary)	Puerperal Pyrexia	Ophthalmia Neonatorum	Cerebro Spinal Meningi- tis
URBAN DISTRICTS— Hereford City	2	117	70	76	3	179	25	66	5	11
Leominster	0	6	7	32	0	48	8	0	0	0
Ross-on-Wye	0	1	4	0	0	16	12	2	1	0
Ledbury	0	4	0	23	1	0	2	0	0	0
Kington	0	0	0	0	0	15	0	1	0	0
Bromyard	0	3	0	0	1	0	10	0	0	0
RURAL DISTRICTS— Hereford R.D.	1	51	42	16	1	53	12	2	0	1
Ross & Whitchurch	0	12	7	4	4	41	19	1	0	3
Leominster & Wigmore	0	16	24	4	4	126	24	3	1	3
Ledbury R.D.	0	18	41	12	0	23	5	0	2	0
Bromyard R.D.	0	13	1	5	3	52	13	0	0	4
Dore & Bredwardine	0	15	1	8	0	24	8	0	1	1
Kington R.D.	0	2	8	1	1	9	6	1	0	0
Weobley...	0	10	65	4	3	21	9	2	0	0
TOTAL—COUNTY	3	268	270	185	21	607	153	78	10	23

# DIPHTHERIA PROPHYLAXIS

RETURN FOR TWELVE MONTHS ENDING 31st DECEMBER, 1942

RECEIVED FROM THE MEDICAL OFFICERS OF HEALTH OF THE COUNTY DISTRICT COUNCILS.

County Area.	District	I No. of children who completed the full course of Immunisation in the Authority's Area between 1st Jan. and 31st Dec. 1942.	II (o) Approx. estimated No. of children in the Authority's Area at 31/12/42.	II (b) Percentage of the child population shown under (o) considered to be immunised at 31/12/42	III (a) No. of cases of Diphtheria in children under 15 years of age notified between 1/1/42 and 31/12/42	III (b) No. of cases included in (a) in which the child is known to have completed the course of immunisation not less than 12 weeks before the onset of the disease.	III (c) No. of deaths from diphtheria registered in the Authority's area between 1/1/42 and 31/12/42 of children under 15 years.	No. of deaths included in (c) in which the child is known to have completed the course of immunisation not less than 12 weeks before the onset of the disease.
NORTH		Under 5 to 15	Under 5 to 15	Under 5 to 15				
	Bromyard Urban	33 16	160 251	65% 74.10%	Nil.	Nil.	Nil.	Nil.
	Bromyard Rural	100 455	410 835	35.36% 83.95%	3	Nil.	Nil.	Nil.
	Kington Urban	36 13	169 335	78.69% 91.04%	Nil.	Nil.	Nil.	Nil.



SOUTH	Kington Rural	56	366	246	564	39.83% 92.90%	Nil.	Nil.	Nil.	Nil.
	Leominster Borough	90	535	490	703	54.28% 94.87%	16	1	Nil.	Nil.
	Leominster & Wigmore R.D.	146	968	488	1305	44.46% 88.19%	Nil.	Nil.	Nil.	Nil.
	Weobley Rural	107	247	329	607	37.38% 79.07%	Nil.	Nil.	Nil.	Nil.
	Ross Urban	33	42	352	905	23% 52%	Nil.	Nil.	Nil.	Nil.
	Ross & Whitchurch Rural	181	474	1022	2556	34% 48%	1	Nil.	Nil.	Nil.
	Ledbury Urban	71	83	193	530	82% 95%	16	5	4	Nil.
	Ledbury Rural	227	575	919	2296	45% 55%	7	3	Nil.	Nil.
	Dore & Bredwardine Rural	134	588	628	1569	30% 61%	4	Nil.	Nil.	Nil.
	HEREFORD CITY	1287	1266	1734	3879	23% 13%	49	Nil.	4	Nil.
HEREFORD RURAL		201	454	800	1600	38.2% 80%	9	1	Nil.	Nil.

# STATISTICS OF VENEREAL DISEASES CLINIC, HEREFORD.

		1939.			1940.			1941			1942.		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Number of cases on 1st January under treatment or observation ... ..	Syphilis ... Gonorrhoea ... Undiagnosed or Non V.D.	13	13	26	14	16	30	18	11	29	37	18	55
		29	5	34	13	5	18	8	10	18	40	13	53
		—	—	—	—	—	—	—	1	1	—	2	2
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection ...	Syphilis ... Gonorrhoea ...	1	—	1	1	1	2	1	1	2	3	—	3
		3	5	8	—	—	—	—	1	1	—	1	1
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) ... ..	Syphilis ... Gonorrhoea ... Undiagnosed or Non V.D.	6	9	15	5	8	13	10	8	18	6	15	21
		27	12	39	12	17	29	38	25	63	23	46	69
		8	13	21	7	12	19	26	20	46	71	35	106
4. Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation at another recognised place of treatment ...	Syphilis ... Gonorrhoea ...	1	—	1	9	5	14	78	3	81	68	2	70
		3	—	3	14	3	17	161	—	161	60	1	61
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as Non-Venereal ... ..	Syphilis ... Gonorrhoea ... Non V.D.	—	1	1	1	—	1	1	—	1	1	—	1
		10	6	16	11	7	18	32	8	40	25	21	46
		8	13	21	7	11	18	26	19	45	70	35	105
6. Number of cases which ceased to attend before completion of treatment ... ..	Syphilis ... Gonorrhoea ...	6	4	10	8	14	22	4	5	9	11	8	19
		23	7	30	11	7	18	5	6	11	21	15	36



## CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE ADMINISTRATIVE COUNTY OF HEREFORD 1942.

CAUSES OF DEATH.	AGGREGATE OF URBAN DISTRICTS.						AGGREGATE OF RURAL DISTRICTS.						Total Urban (all ages)	Total Rural (all ages)	Total County (all ages)
	0—	1—	5—	15—	45—	65—	0—	1—	5—	15—	45—	65—			
1. Typhoid & Paratyphoid Fevers	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1
2. Cerebrospinal Fever	...	...	...	...	...	...	...	...	...	2	...	...	...	2	2
3. Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—
4. Whooping Cough	3	...	...	...	...	...	...	2	...	...	...	...	3	2	5
5. Diphtheria	...	6	2	...	...	...	...	...	1	1	...	...	8	2	10
6. Tub. of Resp. sys.	...	1	...	11	6	2	...	1	1	13	3	3	20	21	41
7. Other forms of Tuberculosis	...	1	1	4	...	...	...	3	1	...	...	...	6	4	10
8. Syphilitic diseases	...	...	...	...	3	1	...	...	1	...	2	3	4	6	10
9. Influenza	...	...	1	4	...	4	...	...	...	1	4	11	9	16	25
10. Measles	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—
11. Ac. polio-myl. & polio-enceph.	1	...	...	...	...	...	...	...	...	...	...	...	1	—	1
12. Ac. inf. enceph.	...	...	...	...	...	...	...	...	1	...	...	...	—	1	1
13. Cancer of buc.cav. & oesoph. (M) uterus (F)	...	...	...	1	5	11	...	...	...	1	7	16	17	24	41
14. Cancer of stomach & duodenum	...	...	...	...	4	6	...	...	...	...	11	15	10	26	36
15. Cancer of Breast	...	...	...	1	5	4	...	...	...	...	5	7	10	12	22
16. Cancer of all other sites	...	...	...	2	25	36	...	...	1	5	21	48	63	75	138

19. Heart Disease ...	...	...	...	9	25	106	...	...	...	...	...	...	7	35	206	140	248	388
20. Other dis. of circ. system.	...	...	...	1	3	15	...	...	...	...	...	...	...	1	17	19	18	37
21. Bronchitis ...	...	...	...	1	4	18	4	1	1	...	...	...	...	4	32	24	42	66
22. Pneumonia ...	9	...	5	3	10	20	7	2	...	...	...	...	5	8	24	47	46	93
23. Other resp. dis.	...	...	...	...	5	5	...	...	...	...	...	...	2	5	6	10	13	23
24. Ulcer of stomach or duodenum	...	...	...	1	6	1	...	...	...	...	...	...	2	1	4	8	7	15
25. Diarrhoea under 2 years	3	...	...	...	...	...	3	...	...	...	...	...	...	...	...	3	3	6
26. Appendicitis ...	...	...	...	...	2	...	...	...	...	...	...	1	...	1	1	2	3	5
27. Other digve. dis.	...	...	...	3	2	6	...	2	...	...	...	...	3	8	12	11	25	36
28. Nephritis ...	...	...	...	1	7	16	...	1	...	...	...	...	3	7	26	26	37	63
29. Puer. & Post-abort. sepsis.	...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	2	1	3
30. Other maternal causes	...	...	...	2	...	...	...	...	...	...	...	...	4	...	...	2	4	6
31. Prem. birth ...	14	...	...	...	...	...	7	...	...	...	...	...	...	...	...	14	7	21
32. Con. mal. birth inj. infant.dis.	15	...	...	...	...	...	17	...	...	...	...	...	...	...	...	15	17	32
33. Suicide ...	...	...	...	1	1	2	...	...	...	...	...	...	1	4	1	4	6	10
34. Road Traffic acci.	...	...	...	3	3	4	1	...	...	...	...	4	3	1	5	10	14	24
35. Other violent causes	1	...	...	6	5	12	6	1	1	...	...	1	6	7	9	26	30	56
36. All other causes	1	1	1	3	9	27	3	4	3	...	...	...	5	12	57	42	84	126
37. All causes	47	14	9	65	151	364	48	17	16	67	166	591	650	905	1555			

DISTRICT. (and Estimated Population)	Number of Deaths from Cancer (all farms)	SITE OF CANCER.				
		Buccal Cavity and Oesophagus (male)	Uterus (female)	Stomach and Duodenum	Breast	Other Sites
Bromyard Urban ... (1,792) ...	1	—	—	1	—	—
Hereford M.B. ... (29,980) ...	61	7	3	5	8	38
Kington Urban ... (2,053) ...	6	1	—	—	—	5
Ledbury Urban ... (3,790) ...	7	1	2	—	—	4
Leominster Urban ... (6,160) ...	16	2	—	3	2	9
Ross-on-Wye Urban ... (5,245) ...	9	1	—	1	—	7
Bromyard Rural ... (7,860) ...	17	2	1	3	2	9
Dore & Bredwardine Rural (7,851) ...	15	2	2	5	2	4
Hereford Rural ... (16,860) ...	28	3	—	5	2	18
Kington Rural ... (5,412) ...	5	1	—	1	1	2
Ledbury Rural ... (9,490) ...	16	3	—	3	1	9
Leominster & Wigmore Rural (11,130) ...	17	2	1	2	—	12
Ross & Whitchurch Rural (12,830) ...	23	1	4	2	3	13
Weobley Rural ... (6,747) ...	16	—	2	5	1	8
All Districts ... (127,200) ...	237	26	15	36	22	138

## MENTAL DEFICIENCY.

### I. CERTIFIED CASES.

The cases at present certified and treated in Institutions on 31st December, 1942, are as follows :—

	<i>Males.</i>	<i>Females.</i>
Ross Approved P.A.I. ....	18	21
Stoke Park Colony, Bristol ....	11	14
Rampton State Institution ....	2	1
Moss Side State Institution ....	1	—
Hortham Colony, Bristol ....	2	1
Brentry Colony, Bristol ....	1	—
Bodfan Mental Home, Caernarvon ....	1	—
All Souls' Special Schools, Hillingdon	—	1
Royal Earlswood ....	1	—
Everton Terrace, Liverpool ....	—	1
Lisieux Hall, Chorley ....	1	—
	—	—
	38	39
	—	—
Guardianship—Hengoed ....	1	1
Licence to Redmarley Agricultural Hostel ....	3	—

During the year 4 males and 3 females have been certified and removed to Institutions.

Two male patients have been granted licence.

## WELFARE OF THE BLIND.

During the year the number of blind persons on the Register increased by two.

### Registration.

<i>Category.</i>	1942	1941
Number of Registered Persons in County (January 1st) ....	289	295
Cases Certified Blind during year ....	29	21
Transferred from other Counties ....	2	4
Transferred to other Counties ....	2	7
Deaths of Blind Persons during year ....	27	24
Number of Blind Persons on Register on December 31st ....	291	289



### Training and Employment.

Total employed	.....	.....	.....	.....	.....	34
Home Workers	.....	.....	.....	.....	.....	8
Undergoing industrial training	.....	.....	.....	.....	.....	2
Trained but unemployed	.....	.....	.....	.....	.....	5
No training but trainable	.....	.....	.....	.....	.....	4
Unemployable	.....	.....	.....	.....	.....	232

### Children of School Age.

In Schools for the Blind	.....	.....	.....	.....	.....	5
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### Under School Age.

Maintained at home	.....	.....	.....	.....	.....	1
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### Occupations of Employed Blind Persons.

Agents, Collectors etc.	.....	.....	.....	.....	.....	1
Basket Workers	.....	.....	.....	.....	.....	7
Brush Makers	.....	.....	.....	.....	.....	1
Carpenters and Woodworkers	.....	.....	.....	.....	.....	1
Clerks and typists	.....	.....	.....	.....	.....	2
Shop-keepers	.....	.....	.....	.....	.....	1
Firewood Workers	.....	.....	.....	.....	.....	1
Newsvendors	.....	.....	.....	.....	.....	1
Labourers	.....	.....	.....	.....	.....	2
Mat-makers	.....	.....	.....	.....	.....	3
Poultry-keepers	.....	.....	.....	.....	.....	3
Netting Makers	.....	.....	.....	.....	.....	1
Gardeners	.....	.....	.....	.....	.....	1
Coal bag makers	.....	.....	.....	.....	.....	1
Miscellaneous	.....	.....	.....	.....	.....	7

### Unemployable Blind Persons in Home for Blind and Institutions.

Home for Blind	.....	.....	.....	.....	.....	1
Public Assistance Institutions	.....	.....	.....	.....	.....	23
Mental Hospitals	.....	.....	.....	.....	.....	12

### ST. DUNSTAN'S CASES.

There are six St. Dunstan's men in the County. They are under constant supervision by the St. Dunstan's authorities. The cases are included in the above tables.